

Serial No. 10/725,359
60246-306
10766

IN THE CLAIMS

Please cancel claims 5 and 11 without prejudice.

1. (Currently amended) An apparatus for a ducted heating and cooling unit, comprising:

a bent coil having a coil surface through which outlet air is discharged in a first direction and a second direction different than the first direction;

at least one substantially horizontal fin disposed in the bent coil; and

at least one substantially vertical fin disposed in the bent coil, wherein said at least one substantially vertical fin directs the outlet air substantially perpendicular to the coil surface to enable dividing of the outlet air in the first and second directions.

2. (Original) The apparatus of claim 1, wherein the first direction is longitudinal and the second direction is at an angle with respect to the first direction.

3. (Original) The apparatus of claim 1, wherein at least a portion of the coil is curved.

4. (Original) The apparatus of claim 1, wherein the bent coil has a profile selected from the group consisting of a V-shape, C-shape, M-shape, and semi-circular shape.

5. (Cancelled)

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6. (Currently amended) A ducted heating and cooling unit, comprising:
at least one fan;
a bent coil disposed in at least one of an upstream direction and a downstream direction
from the fan, the bent coil having a coil surface through which outlet air is discharged in a first
direction and a second direction different than the first direction;
at least one substantially horizontal fin disposed in the bent coil; and
at least one substantially vertical fin disposed in the bent coil, wherein said at least one
substantially vertical fin directs the outlet air substantially perpendicular to the coil surface to
enable dividing of the outlet air in the first and second directions; and
a duct housing said at least one fan and the bent coil.
7. (Original) The ducted unit of claim 6, wherein said at least one fan comprises a
plurality of fans.
8. (Original) The ducted unit of claim 6, further comprising a separation wall
disposed between said at least one fan and the bent coil.
9. (Currently amended) The ducted unit of claim 6, wherein the duct includes at
least one side opening substantially aligned with the second ~~portion~~ direction.
10. (Original) The ducted unit of claim 6, wherein the bent coil has a profile selected
from the group consisting of a V-shape, C-shape, M-shape, and semi-circular shape.
11. (Cancelled)

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IN THE DRAWINGS:

Applicant has amended Figure 4 to include reference numeral 209. Attached for consideration is a replacement drawing sheet.